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Sent: Thursday, January 11, 2007 10:52 AM

To: Elaine Ezra; David W. Brickey

Subject: Northern AUM Info

Attachments: NORTHERN AUM.doc; Cove Mesa Data.pdf

Hi:

In looking over the Northern AUM spread sheet I saw mines that needed additional data. See attachmments.

Bill

NORTHERN AUM  
Eastern Carrizo Mtns. Mines Spreadsheet

When looking this spreadsheet over, I noted the info on Cove Mesa that needed checking. This turned out to be a can of worms since I can not find my old notes on Plot 7. The number of 30,058 tons from Plot 7 in the text of my Open File is not complete, I later learned. It may had something to do with VCA mining, that was subject to an AEC royalty.

From what I found, there is some 1,179.43 tons missing from the tabulation of operators. I suspect it is in the pre-1954 data which is a real mess in the records. Besides the AEC Plot 7, attached is info on MP-558. I also checked Cato Sells Cove Mesa, AEC Plot E and East Mesa.

I kept copies of the ore production, by years, for all the mines in the eastern Carrizo's, and I can tabulate the kind of data, on the attached sheets, for any of the mines with different operators in different years that you don't already have.

Bill

COVE MESA  
AEC Plot 7 / MP 558

TOTAL PRODUCTION 1948-1964

35,946.04      161,114.52      0.22      1,160,003      1.61

MP – 558 ONLY

1961	VCA	234.03	970.73	.21	5,460.00	1.17
1962	VCA	431.11	1,384.31	.16	15,728.00	1.82
1963	VCA	1,128.52	3,960.37	.18	37,139.00	1.65
1964	VCA	1,275.05	3,742.89	.15	32,247.00	1.26
1965	-	-	-	-	-	-
		3,068.71	10,058.30	.16	90,574.00	1.46

William George was issued MP-558.  
AEC records do not show him as an operator.  
He was on Cove Mesa being a boss for VCA.

In checking Cove Mesa production the number in AZBGMF OF 85-13 Table 1 is incorrect. It contains 16.52 tons that belong to Cato Sells.

TOTAL	35,946.04	161,114.52	1,160,003.00
Less MP 558	<u>3,068.71</u>	<u>10,058.30</u>	<u>90,574.00</u>
AEC Plot 7	32,877.33	151,056.22	1,069,429.00
		.23%	1.63%

# AEC Plot 7 Operators

		TONS OF ORE
1948	VCA	10.34
1949	VCA	3,069.80
1950	VCA	549.12
	John Woodrow	93.57
	Harvey Young	73.78
1951	Leroy Pettigrew	96.36
1952	Leroy Pettigrew	296.23
	John Woodrow	59.21
	Harvey Young	174.64
1953	Leroy Pettigrew	1,242.25
1954	Leroy Pettigrew	1,782.77
	VCA	955.06
1955	VCA	1,369.33
	Leroy Pettigrew	1,529.66
1956	Leroy Pettigrew	521.67
	VCA	5,399.80
1957	VCA	4,174.91
	Leroy Pettigrew	49.19
1958	VCA	3,492.47
1959	VCA	3,308.45
	William Wittmeyer	323.72
1960	William Wittmeyer	662.96
	C.H. Corey Jr.	1,767.26
1961	C.H. Corey Jr.	641.27
	W.E. Gripe	54.08
		<b>31,697.90</b>
		<b>1,179.43 low</b>

I have pounds  $U_3O_8$  &  $V_2O_5$   
to go with these tons.

CATO SELLS  
(Cove Mesa Mines)

1950	CS	159.55	918.38	0.29	14,179.00	4.44
1952*	CS	5.39	19.95	0.19	216.00	2.00
1953	CS	68.88	213.03	0.17	1,281.90	1.66
1956	CS	305.27	933.57	0.15	8,430.68	1.38
1957	CS	1,652.36	4,501.98	0.14	53,803.61	1.60
1958	CS	94.33	273.29	0.14	2,008.27	1.06
1962	VCA	49.59	149.05	0.15	1,606.00	1.62
1963	VCA	110.07	226.55	0.10	3,048.06	1.38
1964	VCA	250.62	838.20	0.17	6,385.00	1.27
1965**	VCA	16.52	24.13	0.07	400.00	1.21
		<b>2,712.58</b>	<b>8,116.13</b>	<b>0.15</b>	<b>91,358.46</b>	<b>1.68</b>

CS = Cato Sells  
1950,52 Unnumbered MP  
1953-58 MP-56  
1962-65 MP-547

\* Missed in 1958 report  
\*\* Was credited to MP-558, actually MP-547

Source Chenoweth's notes from NRG 287

# EAST MESA

Year	Qtr	Operator	TONS OF ORE	POUNDS U <sub>3</sub> O <sub>8</sub>	% U <sub>3</sub> O <sub>8</sub>	POUNDS V <sub>2</sub> O <sub>5</sub>	% V <sub>2</sub> O <sub>5</sub>
1951	1	LP	304.22	1,182.59	.19	5,851.69	.96
1952	2	LP	41.00	190.73	.23	679.64	.83
1952	2	LP	47.08	202.13	.21	1,262.11	1.34
1953	2	P&D	96.73	205.37	.11	1,339.30	.69
1953	2	LP	28.76	86.28	.21	511.93	.89
1953	2	P&D	14.03	75.78	.27	359.24	1.28
1953	4	LP	13.34	48.01	.18	245.39	.92
1955	1	P&D	241.81	1,540.71	.32	1,039.65	.21
1955	2	P&D	163.65	832.11	.25	594.38	.18
1955	3	P&D	37.05	258.35	.35	163.00	.22
1955	4	P&D	5.99	23.97	.20	21.57	.18
			993.66	4,646.03	.23	12,067.90	.65

LP = Leroy Pettigrew

P&D = Pettigrew & Davis

Source Chenoweth's notes from NRG 287

1951                      Unnumbered MP

1952-55                MP-20

KINUSTA MESA  
AEC Plot E

YEAR	OPERATOR	TONS OF ORE	POUNDS U <sub>3</sub> O <sub>8</sub>	% U <sub>3</sub> O <sub>8</sub>	POUNDS V <sub>2</sub> O <sub>5</sub>	% V <sub>2</sub> O <sub>5</sub>
1949	VCA	484.34	551.46	0.06	16,174.00	1.67
1950	VCA	15.20	200.87	0.09	4,439.00	1.93
1951	Mike Brodie	85.50	226.54	0.13	3,576.00	2.09
1951	Thomas Handley	61.74	201.79	0.16	2,495.00	2.02
1952	Thomas Handley	5.80	21.81	0.19	248.00	2.14
1958	VCA	35.54	127.75	0.18	1,454.00	2.05
		788.12	1,330.22	0.08	28,386.00	1.80

Source            Chenoweth's notes from NRG 287